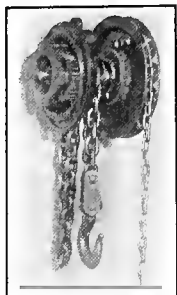




**Worm-Gear  
Mechanism**



**Spur-Gear  
Mechanism**



**Triple-Gear  
Mechanism**

## Morris Products

As specialists in the design, manufacture and application of lifting machinery, Herbert Morris Incorporated manufacture the following products:

Portable Chain-Blocks, Overhead Runways, Trolleys, Traveling Chain-Blocks, Hand-Operated Overhead Traveling Cranes, Crane-Ways, Gantry Cranes, Hand-Operated Jib-Cranes, Telescopic Ash Hoists, Various Hand-Operated Lifting Equipment such as Winches, Rope Blocks, Eye Hooks, Tripods, Slings, Clamps, Trays, Buckets, and Jacks.

Morris electric equipment includes Portable Hoists, Overhead Runways, Trolley-Hoists, Overhead Traveling Cranes and Friction Hoists.

Herbert Morris Incorporated are, furthermore, in a position to consult with you concerning specially designed equipment to meet your particular requirements.

Large catalog will be sent on request.

## Morris Geared Chain-Blocks

The three models of Morris Geared Chain-Blocks are fitted with an automatic brake, actuated by the reaction due to the load. They are further equipped with machine-cut gears, reliable load-chain, accurately made pocket-wheels and forged hooks.

The worm gear chain block is adapted to capacities from  $\frac{1}{8}$ th ton to 60 tons. The double-thread high angle machine-cut worm gives a remarkably small friction loss.

For regular day-in and day-out service, under good conditions, such as in a modern machine shop, the Morris spur-gear chain-block with its high efficiency is selected by discriminating users.

In an atmosphere of dust or steam a Morris triple-gear chain-block should be used; its gears are well protected by a close-fitting, pressed steel cover. The compact, balanced mechanism allows a close, high lift.

## Morris Traveling Worm-Gear Chain Blocks

In purchasing a chain-block it is advisable to consider the advantages offered by the traveling type. This type consists of a Morris chain block built into a trolley, arranged to

run on the lower flange of an I beam. By such a trolley, heavy loads may be easily moved and accurately placed.

## Overhead I-Beam Runways

The Morris system of overhead runways is designed to overcome the handicaps of narrow doors, irregular floors, pipes, shafting, wiring, etc.

To eliminate the troubles of poorly working switches, such as getting out of adjustment, binding, jerking, and so on, specify Morris Q.E.F. junctions. This junction has no moving parts. There are no open ends. Each trolley is fitted with steering gear by which it may be guided through the switches. No stop, no hesitation.

Morris runways are being used in machine shops, foundries, biscuit factories, chemical plants, tanneries, glass works, warehouses, freight sheds, textile mills, lead works, automobile plants, power houses and both indoors and out-of-doors. Ask for Bulletin 311.

## Jib-Cranes

Morris jib-cranes are standardized in a great variety of types: they may be attached to a wall or post, or they may be arranged self-supporting or "independent."

The hoist may be fixed at the end of the jib, or it may be suspended from a trolley of the I-beam or top-running type.

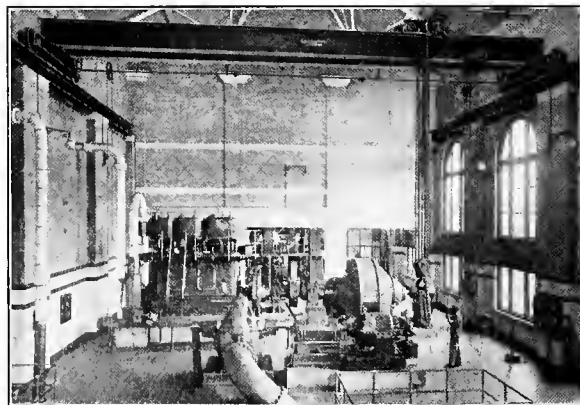
Component parts are standard, and are carried in stock. The structure is designed to meet varying requirements. Ask for Bulletin 521.

## Hand-Operated Overhead Cranes

Morris hand-operated overhead cranes are similarly standardized in a wide range of styles. Stock parts, produced in quantities, facilitate prompt shipment and insure a uniformly reliable product. Machine cut lifting gears, automatic load-brakes and roller-bearing travel-wheels are outstanding features of all Morris hand cranes. Ask for Bulletin 401.

## Canada

For prompt service and the best of lifting machinery in Canada, consult The Herbert Morris Crane & Hoist Co., Ltd., at Niagara Falls, Ont.



20-Ton Crane in a Pumping Plant.

**HERBERT MORRIS INCORPORATED**

BUFFALO, N. Y.